

217/785-1705

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) -- NSPS SOURCE --  
REVISED

PERMITTEE

Archer Daniels Midland Company  
Attn: Karena S Musgrave  
4666 Faries Parkway  
Decatur, Illinois 62525

Application No.: 06110030	I.D. No.: 099829AAG
Applicant's Designation:	Date Received: September 30, 2014
Subject: Grain and Dry Bulk Products Handling Terminal	
Date Issued: December 16, 2014	Expiration Date: September 23, 2016
Location: 2054 North 2753rd Road, Ottawa, LaSalle County	

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of:

Two (2) Truck/Rail Car Receiving Pits Controlled by Baghouse;  
One (1) Truck Receiving Pit with sided Enclosure;  
Two (2) Rail Car Receiving Pits;  
Two (2) Clam Shell Buckets Unloading/Loading;  
One (1) Fertilizer Building;  
One (1) Coverall Building;  
One (1) A Frame Building;  
One (1) Legacy Building;  
Two (2) Material Storage Silos;  
One (1) 205,000 Bushels Grain Storage Flat Building;  
One (1) 200,000 Bushels Grain Storage Flat Building;  
One (1) Barge Loadout Controlled by Baghouse;  
One (1) Truck Loadout;  
Two (2) 14 mmBtu/Hour Natural Gas-Fired Boilers;  
Two (2) Portable Screeners;  
Two (2) Portable Conveyors  
Two (2) Portable Conveyors with Dust Collector;  
One (1) 4,800 Tons Ocho Building for Receiving and Mixing Dry Urea;  
One (1) 800 Gallons per Minute Liquid Loadout;  
One (1) Truck Receiving Pit with Baghouse;  
Three (3) 2,268 tons Silos; and  
Internal Handling

pursuant to the above-referenced application. This permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 100 tons/year for Particulate Matter less than 10 microns (PM<sub>10</sub>)). As a result, the source is excluded from the requirements to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit are described in Attachment A.

- b. Prior to initial issuance, a draft of this permit has undergone a public notice and comment period.
  - c. This permit supersedes all operating permit(s) for this location.
2. The two 14.0 mmBtu/hr boilers are subject to the New Source Performance Standards (NSPS) for Small Industrial - Commercial - Institutional Steam Generating Units, 40 CFR 60, Subparts A and Dc. The Illinois EPA is administering NSPS in Illinois on behalf of the United States EPA under a delegation agreement.
- 3a. Pursuant to 35 Ill. Adm. Code 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 Ill. Adm. Code 212.122.
- b. Pursuant to 35 Ill. Adm. Code 212.123(b), the emission of smoke or other particulate matter from any such emission unit may have an opacity greater than 30 percent but not greater than 60 percent for a period or periods aggregating 8 minutes in any 60 minute period provided that such opaque emissions permitted during any 60 minute period shall occur from only one such emission unit located within a 305 meter (1000 foot) radius from the center point of any other such emission unit owned or operated by such person, and provided further that such opaque emissions permitted from each such emission unit shall be limited to 3 times in any 24 hour period.
  - c. Pursuant to 35 Ill. Adm. Code 212.301, no person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source.
  - d. Pursuant to 35 Ill. Adm. Code 212.321(a), except as further provided in 35 Ill. Adm. Code Part 212, no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 Ill. Adm. Code 212.321(c).
  - e. Housekeeping Practices. Pursuant to 35 Ill. Adm. Code 212.461(b), all grain-handling and grain-drying operations, regardless of size, must implement and use the following housekeeping practices:
    - i. Air pollution control devices shall be checked daily and cleaned as necessary to insure proper operation.
    - ii. Cleaning and Maintenance.

- A. Floors shall be kept swept and cleaned from boot pit to cupola floor. Roof or bin decks and other exposed flat surfaces shall be kept clean of grain and dust that would tend to rot or become airborne.
  - B. Cleaning shall be handled in such a manner as not to permit dust to escape to the atmosphere.
  - C. The yard and surrounding open area, including but not limited to ditches and curbs, shall be cleaned to prevent the accumulation of rotting grain.
- iii. Dump Pit.
  - A. Aspiration equipment shall be maintained and operated.
  - B. Dust control devices shall be maintained and operated.
- iv. Head House. The head house shall be maintained in such a fashion that visible quantities of dust or dirt are not allowed to escape to the atmosphere.
- v. Property. The yard and driveway of any source shall be asphalted, oiled or equivalently treated to control dust.
- vi. Housekeeping Check List. Housekeeping check lists to be developed by the Illinois EPA shall be completed by the manager and maintained on the premises for inspection by Illinois EPA personnel.
- 4. Pursuant to 35 Ill. Adm. Code 216.121, no person shall cause or allow the emission of carbon monoxide (CO) into the atmosphere from each fuel combustion emission source with actual heat input greater than 2.9 MW (10 mmBtu/hour) to exceed 200 ppm, corrected to 50 percent excess air.
- 5. This permit is issued based on the source not being subject to the New Source Performance Standards (NSPS) for Grain Elevators, 40 CFR 60 Subpart DD, because the permanent storage capacity of more than 88,100 m<sup>3</sup> (ca. 2.5 million U.S. bushels).
- 6. This permit is issued based on the source not being subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Area Sources: Prepared Feeds Manufacturing, 40 CFR 63 Subpart DDDDDDD because the source does not use a material containing chromium or a material containing manganese in the production of prepared feeds.
- 7a. Pursuant to 35 Ill. Adm. Code 212.314, 35 Ill. Adm. Code 212.301 shall not apply and spraying pursuant to 35 Ill. Adm. Code 212.304 through 212.310 and 35 Ill. Adm. Code 212.312 shall not be required when the wind speed is greater than 40.2 km/hour (25 mph). Determination of wind speed for the purposes of this rule shall be by a one-hour average or hourly recorded value at the nearest official station of the U.S. Weather Bureau or by wind speed instruments operated on the site. In

cases where the duration of operations subject to this rule is less than one hour, wind speed may be averaged over the duration of the operations on the basis of on-site wind speed instrument measurements.

- b. Pursuant to 35 Ill. Adm. Code 212.461(a), 35 Ill. Adm. Code 212.302(a), 212.321, and 212.322 shall not apply to grain-handling and grain-drying operations, portable grain-handling equipment and one-turn storage space.
- c. Pursuant to Section 9(f) of the Illinois Environmental Protection Act (Act), any grain elevator located outside of a major population area, as defined in Section 211.3610 of Title 35 of the Illinois Administrative Code, shall be exempt from the requirements of 35 Ill. Adm. Code 212.462 of Title 35 of the Illinois Administrative Code provided that the elevator:
  - i. Does not violate the prohibitions of Section 9(a) of the Act or have a certified investigation, as defined in 35 Ill. Adm. Code 211.970 of Title 35 of the Illinois Administrative Code, on file with the Illinois EPA and
  - ii. Is not required to obtain a Clean Air Act Permit Program permit pursuant to Section 39.5 of the Act. Notwithstanding the above exemption, new stationary source performance standards for grain elevators, established pursuant to Section 9.1 of the Act and Section 111 of the federal Clean Air Act, shall continue to apply to grain elevators.
- 8. Pursuant to 40 CFR 60.11(d), at all times, including periods of startup, shutdown, and malfunction, owners and operators shall to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Illinois EPA or USEPA which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
- 9a. In the event that the operation of this source results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
- b. The baghouses, cyclone, and dust collector shall be in operation at all times when the associated equipment is in operation and emitting air contaminants.
- c. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic maintenance on the baghouses, cyclone, and dust collector such that the baghouses, cyclone, and dust collector are kept in proper working condition and

not causes a violation of the Illinois Environmental Protection Act or regulations promulgated therein.

- d. Each dump pit shall be inspected for proper operation while receiving is occurring, at least once each week (Monday through Sunday) when grain is received.
- e. The grain elevator shall be inspected for presence of visible emissions from internal transfer and cleaning, while such activity is occurring, at least once each week when such activity is performed.
- f. Grain load-out socks, sleeves or equivalent devices shall be inspected for proper operation while load-out is occurring, at least once each week when grain load-out is performed.
- g. For purposes of this permit, bulk materials (some in super sacks or totes) are the following materials:
  - i. mulch;
  - ii. salt;
  - iii. white coarse potash;
  - iv. white granular potash;
  - v. red coarse potash;
  - vi. diammonium phosphate (DAP);
  - vii. monammonium phosphate (MAP);
  - viii. cement clinkers;
  - ix. triple super phosphate (TSP):
  - x. sand;
  - xi. cottonseed;
  - xii. wheat mids;
  - xiii. grain dust;
  - xiv. barley sprouts;
  - xv. chaff and dust;
  - xvi. dry distillers grain;
  - xvii. cookie meal
  - xviii. green peat;

- xix. rice hulls;
- xx. citrus pulp pellets;
- xxi. soybean meal
- xxii. urea;
- xxiii. corn gluten meal;
- xxiv. aggregate;
- xxv. magnesium oxide;
- xxvi. monocalcium phosphate;
- xxvii. calcium phosphate;
- xxviii. gypsum;
- xxix. iron products such as pig iron, hot bricketted iron (HBI), and  
direct reduced iron (DRI);
- xxx. soybeans;
- xxxi. steel;
- xxii. corn gluten pellets;
- xxxiii. fly ash;
- xxxiv. woodchips;
- xxxv. fish meal;
- xxxvi. ammonium sulfate;
- xxxvii. corn screening;
- xxxviii. shale;
- xxxix. corn;
- xl. wheat;
- xli. gypsum rock;
- xlii. corn gluten feed;
- xliii. corn germ meal;
- xliv. bed ash;

- xliv. lime;
- xlvi. cement;
- xlvii. silicon carbide;
- xlvi. flax seed;
- xlix. clay;
- l. manganese (must be in enclosed container like super sacks or totes while the manganese is being handled and stored on site)
- li. sodumene concentrate (lithium aluminum silicate);
- lii. heavy metal scrap; or
- liii. ferrous sulphate
- h. This permit does not authorize physical changes to the facility to handle bulk materials. Any such physical change shall require a construction permit from the Illinois EPA.
- i. This permit does not excuse the Permittee from obtaining other approvals that may be required from the Illinois EPA, Bureaus of Land or Water, or other state or federal agencies to handle bulk materials.
- j. The Permittee shall obtain a construction permit from the Illinois EPA prior to receipt and handling of a new bulk material that is not listed as a bulk material above, that produces an increase in emissions, or increases the bulk material throughput. The application shall include, but not be limited to:
  - i. A description of the material to be handled;
  - ii. The estimated annual amount of material to be handled;
  - iii. Any additional work practices or control devices used to reduce emissions;
  - iv. A copy of a Material Safety Data Sheet (MSDS) for the material to be handled, if available;
  - v. Type(s) and description of emission control method(s) to be used, if any; and
  - vi. The estimated potential emissions from the receipt, storage, and handling of the proposed new material including an indication whether the receipt, storage and handling of the proposed new material will result in an exceedance of the emission limits in Condition 10 of this permit. If the emission limits in Condition 10 will be exceeded by the receipt of a new material, the

construction permit application shall request new emission limits for the new material.

- k. The Permittee shall send a certified letter to the Illinois EPA, Bureau of Air prior to receiving and handling a new bulk material that is not listed as a bulk material above, that does not produce an increase in emissions, and does not increase the bulk material throughput.
- l. The two boilers shall only be operated with natural gas as the fuel. The use of any other fuel in the boilers requires that the Permittee first obtain a construction permit from the Illinois EPA and then perform stack testing to verify compliance with all applicable requirements.
- 10a. The amount of material handled by the source shall not exceed the following limits:
  - i. The amount of grain/bulk product received, that is, unloaded in the dump pit areas at the source shall not exceed 2,460,000 tons per year.
  - ii. The amount of grain/bulk product handled shall not exceed 2,460,000 tons per year.
  - iii. The amount of grain/bulk product shipped, that is, loaded into trucks, railcars, and barge in the load-out areas at the source shall not exceed 2,460,000 tons per year.
- b. Emissions and operation of the grain and bulk product handling operations at the source shall not exceed the following limits:

Emission Units	Throughput		Emission Factor		E M I S S I O N S			
	(T/Mo)	(T/Yr)	PM (lb/T)	PM <sub>10</sub> (lb/T)	PM (T/Mo)	(T/Yr)	PM <sub>10</sub> (T/Mo)	(T/Yr)
Receiving:								
Truck -Dump Pit Controlled	93,750	750,000	0.18	0.059	0.17	1.35	0.06	0.44
Truck Dump Pit Uncontrolled	10,000	80,000	0.18	0.059	0.90	7.20	0.29	2.36
Truck (Warehouse)	93,750	750,000	0.18	0.059	4.22	33.75	1.38	11.06
Truck (Portable Conveyor)	31,250	250,000	0.18	0.059	0.06	0.45	0.02	0.15
Rail Dump Pit	7,500	60,000	0.032	0.0078	0.01	0.02	0.01	0.01
Railcar (Portable Conveyor)	8,750	70,000	0.032	0.0078	0.01	0.02	0.01	0.01
Barge Unloading (Clamshell Bucket)	62,500	500,000	0.25	0.125	7.81	62.50	3.91	31.25
Handling:								
Material Storage								
Silos/Flat Building	131,250	1,050,000	0.061	0.034	2.00	16.01	1.16	8.93



<u>Emission Units</u>	<u>Throughput</u>		<u>Emission Factor</u>		<u>E M I S S I O N S</u>			
	<u>(T/Mo)</u>	<u>(T/Yr)</u>	<u>PM</u> <u>(lb/T)</u>	<u>PM<sub>10</sub></u> <u>(lb/T)</u>	<u>PM</u> <u>(T/Mo)</u>	<u>(T/Yr)</u>	<u>PM<sub>10</sub></u> <u>(T/Mo)</u>	<u>(T/Yr)</u>
Internal Handling	131,250	1,050,000	0.061	0.034	2.00	16.01	1.16	8.93
Screeners	5,000	40,000	0.075	0.0375	0.08	1.50	0.04	0.75
Portable Conveyor	40,000	320,000	0.061	0.034	0.61	9.76	0.34	5.44
Shipping:								
Truck Loadout	5,000	40,000	0.086	0.029	0.11	0.86	0.04	0.29
Truck (Portable Conveyor w/Dust Collector)	3,000	24,000	0.086	0.029	0.01	0.02	0.01	0.01
Endloader (Trucks)	37,500	300,000	0.016	0.004	0.30	2.40	0.08	0.60
Rail Loadout (Portable Conveyor w/Dust Collector)	31,250	250,000	0.027	0.0022	0.01	0.07	0.01	0.01
Barge Loadout - Clamshell	37,500	300,000	0.25	0.125	4.69	37.50	2.34	18.75
Barge Loadout - no Clamshell	193,250	1,546,000	0.016	0.004	0.03	0.25	0.01	0.06
					Total:	189.67		89.05

These limits are based on the maximum equipment operational data (grain/bulk material throughput of 2,460,000 tons per year), 98 % control efficiency for baghouse controlled dump pits, no clamshell barge loadout, railcar dump pit, and portable conveyor receiving and shipping, 50% capture efficiency for truck shipping, and building enclosed transferring and storage, standard emission factors (Table 9.9-1, AP-42, Fifth Edition, Volume I, Update 2003, May 2003 and Table 13.2.4, AP-42, Fifth Edition, Volume I, November 2006) and applicable controls.

- c. Emissions and operation of the two 14.0 mmBtu/hr boilers combined shall not exceed the following limits:
- i. Natural Gas Usage: 24.53 mmscf/month, 245.28 mmscf/year
  - ii. Emissions from the combustion of natural gas:

<u>Pollutant</u>	<u>Emission Factor</u>	<u>Emissions</u>	
	<u>(lbs/mmscf)</u>	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
Carbon Monoxide (CO)	84.0	1.03	10.30
Nitrogen Oxide (NO <sub>x</sub> )	100.0	1.23	12.26
Particulate Matter (PM)	7.6	0.09	0.93
Sulfur Dioxide (SO <sub>2</sub> )	0.6	0.01	0.07
Volatile Organic Material (VOM)	5.5	0.07	0.67

These limits are based on the maximum firing rate of the boilers combined (28 mmBtu/hour), the maximum operating hours (8,760 hour/year), and standard emission factors (Tables 1.4-1 and 1.4-2, AP-42, Fifth Edition, Volume I, Supplement D, July 1998).

- d. This permit is issued based on negligible emissions of Particle Matter (PM) from the dry urea receiving, transferring, and mixing/solution formation. For this purpose, emissions of PM from dry urea receiving, transferring, and mixing/solution formation shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year per unit.
- e. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).
- 11. This permit is issued based on the Potential to Emit (PTE) for Hazardous Air Pollutants (HAP) as listed in Section 112(b) of the Clean Air Act from the source being less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs. As a result, this permit is issued based on the emissions of all HAPs from this source not triggering the requirements to obtain a Clean Air Act Permit Program (CAAPP) Permit.
- 12a. Pursuant to 35 Ill. Adm. Code 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:
  - i. Testing by Owner or Operator. The Illinois EPA may require the owner or operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the Illinois EPA, at such reasonable times as may be specified by the Illinois EPA and at the expense of the owner or operator of the emission source or air pollution control equipment. The Illinois EPA may adopt procedures detailing methods of testing and formats for reporting results of testing. Such procedures and revisions thereto, shall not become effective until filed with the Secretary of State, as required by the APA Act. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The Illinois EPA shall have the right to observe all aspects of such tests.
  - ii. Testing by the Illinois EPA. The Illinois EPA shall have the right to conduct such tests at any time at its own expense. Upon request of the Illinois EPA, the owner or operator of the emission source or air pollution control equipment shall provide, without charge to the Illinois EPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.
- b. Testing required by Condition 13 shall be performed upon a written request from the Illinois EPA by a qualified independent testing service.

13. Pursuant to 35 Ill. Adm. Code 212.110(c), upon a written notification by the Illinois EPA, the owner or operator of a particulate matter emission unit subject to 35 Ill. Adm. Code Part 212 shall conduct the applicable testing for particulate matter emissions, opacity, or visible emissions at such person's own expense, to demonstrate compliance. Such test results shall be submitted to the Illinois EPA within thirty (30) days after conducting the test unless an alternative time for submittal is agreed to by the Illinois EPA.
- 14a. Pursuant to 40 CFR 60.7(b), any owner or operator subject to the provisions of 40 CFR Part 60 shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.
  - b. Pursuant to 40 CFR 60.7(f), any owner or operator subject to the provisions of 40 CFR Part 60 shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by 40 CFR Part 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least two years following the date of such measurements, maintenance, reports, and records.
- 15a.
  - i. Pursuant to 40 CFR 60.48c(g)(1), except as provided under 40 CFR 60.48c(g)(2) and (g)(3), the owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each operating day.
  - ii. Pursuant to 40 CFR 60.48c(g)(2), as an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO<sub>2</sub> standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.
  - iii. Pursuant to 40 CFR 60.48c(g)(2), as an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility or multiple affected facilities located on a contiguous property unit where the only fuels combusted in any steam generating unit (including steam generating units not subject to 40 CFR 60 Subpart Dc) at that property are natural gas, wood, distillate oil meeting the most current requirements in 40 CFR 60.42c to use fuel certification to demonstrate compliance with the SO<sub>2</sub> standard, and/or fuels, excluding coal and residual oil, not subject to an emissions standard (excluding opacity) may elect to record and maintain records of the total

amount of each steam generating unit fuel delivered to that property during each calendar month.

- b. Pursuant to 40 CFR 60.48c(i), all records required under 40 CFR 60.48 shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.
16. Pursuant to 35 Ill. Adm. Code 212.110(e), the owner or operator of an emission unit subject to 35 Ill. Adm. Code Part 212 shall retain records of all tests which are performed. These records shall be retained for at least three (3) years after the date a test is performed.
- 17a. The Permittee shall maintain records of the following items so as to demonstrate compliance with the conditions of this permit:
- i. Records addressing use of good operating practices for the baghouses, cyclone, and dust collector:
    - A. Records for periodic inspection of the baghouses, cyclone, and dust collector with date, individual performing the inspection, and nature of inspection; and
    - B. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired, and nature of repair.
  - ii. Records of housekeeping check lists completed by the elevator manager;
  - iii. Records for the inspections required by Conditions 9(d), (e), and (f), with date, time and observations if such information is not incorporated in the housekeeping check list;
  - iv. Grain/bulk material received, type of material, (tons/month and tons/year) running total of 12 months of data;
  - v. Grain/bulk material transfer, type of material, (tons/month and tons/year) running total of 12 months of data;
  - vi. Grain/bulk material shipped, type of material (tons/month and tons/year) running total of 12 months of data;
  - vii. Natural gas consumption of the boilers (mmscf/month and mmscf/year); and
  - viii. Monthly and annual emissions of CO, NO<sub>x</sub>, PM and PM<sub>10</sub>, SO<sub>2</sub>, and VOM for the source with supporting calculations (tons/month and tons/year).
- b. All records and logs required by Condition 17(a) of this permit shall be retained at a readily accessible location at the source for at least five (5) years from the date of entry and shall be made available for

inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer storage device) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.

18. Pursuant to 35 Ill. Adm. Code 212.110(d), a person planning to conduct testing for particulate matter emissions to demonstrate compliance shall give written notice to the Illinois EPA of that intent. Such notification shall be given at least thirty (30) days prior to the initiation of the test unless a shorter period is agreed to by the Illinois EPA. Such notification shall state the specific test methods from 35 Ill. Adm. Code 212.110 that will be used.
- 19a. If there is an exceedance of or a deviation from the requirements of this permit as determined by the records required by this permit or otherwise, the Permittee shall submit a report to the Illinois EPA's Bureau of Air Compliance Section in Springfield, Illinois within thirty (30) days after the exceedance or deviation. The report shall identify the duration and the emissions impact of the exceedance or deviation, a copy of the relevant records and information to resolve the exceedance or deviation, and a description of the efforts to reduce emissions from, and the duration of exceedance or deviation, and to prevent future occurrences of any such exceedance or deviation.
- b. One (1) copy of required reports and notifications shall be sent to:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Compliance Section (#40)  
P.O. Box 19276  
Springfield, Illinois 62794-9276

It should be noted that this permit has been revised to include operation of the equipment described in Construction Permit 14090040.

If you have any questions on this permit, please contact German Barria at 217/785-1705.

Raymond E. Pilapil  
Acting Manager, Permit Section  
Division of Air Pollution Control

Date Signed: \_\_\_\_\_

REP:GB:psj

cc: Illinois EPA, FOS Region 2  
Lotus Notes

### Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the Grain and Bulk Products Elevator operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are below the levels, (e.g., 100 tons/year for PM<sub>10</sub>) at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, and control measures are more effective than required in this permit.

<u>Emission Unit</u>	<u>CO</u>	<u>NO<sub>x</sub></u>	<u>PM</u>	<u>PM<sub>10</sub></u>	<u>SO<sub>2</sub></u>	<u>VOM</u>
<u>Receiving:</u>						
Truck -Dump Pit Controlled			1.35	0.44		
Truck Dump Pit Uncontrolled			7.20	2.36		
Truck (Warehouse)			33.75	11.06		
Truck (Portable Conveyor)			0.45	0.15		
Rail Dump Pit			0.02	0.01		
Railcar (Portable Conveyor)			0.02	0.01		
Barge Unloading (Clamshell Bucket)			62.50	31.25		
<u>Handling:</u>						
Material Storage Silos/Flat Buildings			16.01	8.93		
Internal Handling			16.01	8.93		
Screeners			1.50	0.75		
Portable Conveyor			9.76	5.44		
<u>Shipping:</u>						
Truck Loadout			0.86	0.29		
Truck (Portable Conveyor w/Dust Collector)			0.02	0.01		
Endloader (Trucks)			2.40	0.60		
Rail Loadout (Portable Conveyor w/Dust Collector)			0.07	0.01		
Barge Loadout - Clamshell			37.50	18.75		
Barge Loadout - no Clamshell			0.25	0.06		
Dry Urea Receiving, Transferring, and Mixing/Solution Formation			0.44			
Two (2) Boilers - Natural gas-fired	10.30	12.26	0.93	0.93	0.07	0.67
Totals	10.30	12.26	191.04	89.98	0.07	0.67